FIBERGLASS MESH CATALOGUE

PROXIM

www.proxim.pl
www.eurowek.pl

Contents

About Us

PROXIM can boast 25 years of experience on the construction market.

Since 2012, we have been manufacturing fiberglass meshes and technical fabrics at our production plant in Lublin, based on innovative technologies and top-quality raw materials.

About Production

All our products are made with utmost thoroughness and in accordance with the customers' requirements. With our extensive machinery, we are able to manufacture meshes in a wide range of fabric weights, with diverse mesh sizes and different fibre types. Our customers have the option to customize their product, not only through selection of appropriate parameters but also through selection of colour and imprint they need. Additionally, our state-of-the-art packaging machines allow us to adapt the size of the roll and packaging to your individual demands.

Our customers are manufacturers of thermal insulation systems, construction chemistry, as well as the largest reputed distribution companies.

We have our own in-house laboratory, allowing us to carry out tests on an ongoing basis, pursuant to the requirements of ETAG004, constantly guaranteeing top-level products. This is confirmed by Factory Production Control Certificates issued by the Building Research Institute in Warsaw and the Technical and Test Institution for Construction in Prague.

PROXIM

Mesh Assembly

Start the process of assembly of EUROWEK strengthening mesh from preparing the substrate through cleaning, drying and removal of any elements reducing the adhesion of materials.

To this end, polish Styrofoam boards with coarse-grit sandpaper or Styrofoam grater, and subsequently, clean them thoroughly of any dust.

Apply the ready plaster/adhesive mass in a continuous layer, approx. 3-4 mm thick.

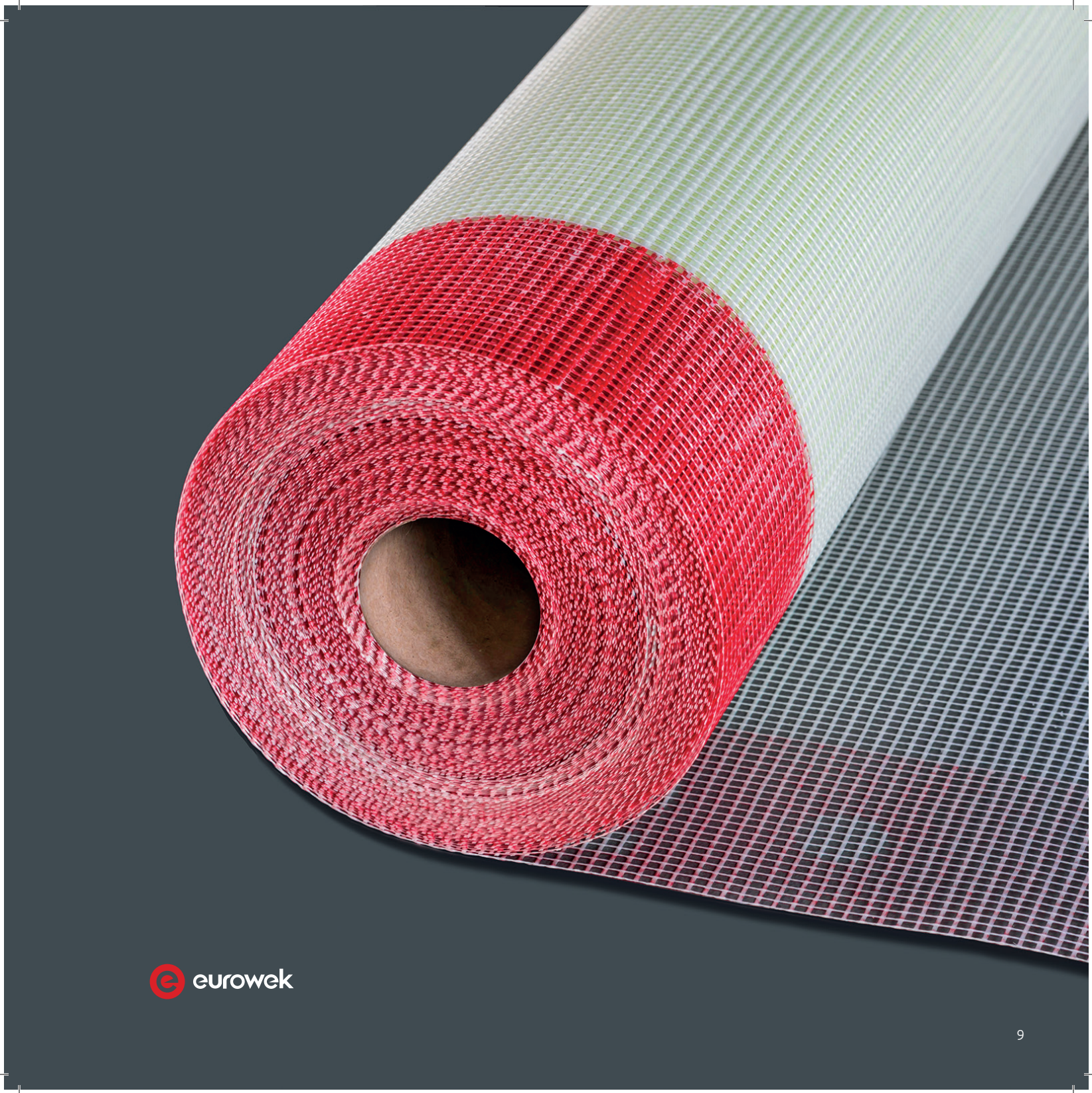
Next, embed the Eurowek strengthening mesh, making it evenly tensioned and completely blended into the plaster/mass.

Lay the adjacent mesh stripes vertically or horizontally, with an overlap of no less than 10 cm. The surface of the reinforced layer should be smooth and even, and the mesh should not be visible.

Otherwise, apply another thin layer of plaster/adhesive mass (approx. 1mm thick) to level it completely and smoothen its surface.

Facde meshes

High-quality meshes with perfect strength parameters, to be used as components of ETICS thermal insulation systems. The EUROWEK products, combined with thermal insulation systems by reputed manufacturers, guarantee an impressive and reliable facade.



eurowek

Mesh
Premium

High-grade, flexible strengthening mesh for advanced thermal insulation systems. Characterized by high alkali resistance and mechanical strength.

Product characteristics: **PREMIUM**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 4,5 ± 1,0
Weft	[mm] 4,5 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 39	[%] ≤ 4,5
	Weft	[N/mm] ≥ 48	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 25	
	Weft	[N/mm] ≥ 35	

- Fabric weight: [g/m²] 150 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**
- **Logo imprint: yes**
- **Fabric softness: medium**
- **Available dimensions:**

Width
1 m
1,1 m

Length
10 m
25 m
50 m
100 m

PURPOSE

PREMIUM mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh
Lux 165

Top-quality strengthening mesh for advanced thermal insulation systems, particularly recommended for tall buildings. It finds application wherever higher fabric weight and tensile strength are required.

Product characteristics: **LUX 165**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 4,5 ± 1,0
Weft	[mm] 4,5 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %, 1100 ± 1%
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 38	[%] ≤ 4,5
	Weft	[N/mm] ≥ 54	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 28	
	Weft	[N/mm] ≥ 48	

- Fabric weight: [g/m²] 160 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**
- **Logo imprint: yes**
- **Fabric softness: medium**
- **Available dimensions:**

Width
1 m
1,1 m

Length
10 m
25 m
50 m
100 m

PURPOSE

LUX 165 mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

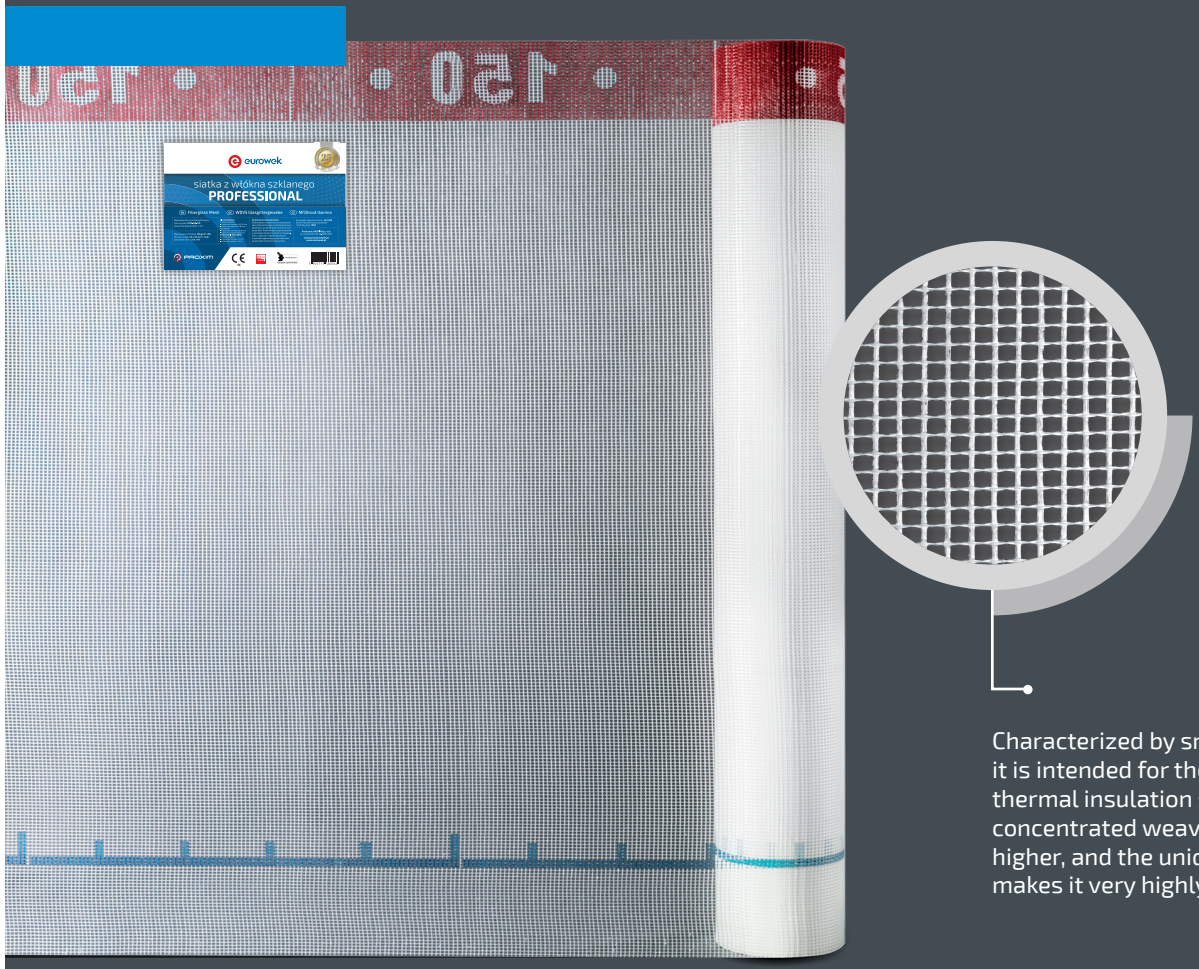
PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh
Professional



Characterized by smaller mesh size, it is intended for the most demanding thermal insulation systems. Owing to its concentrated weave, its breaking load is 30% higher, and the unique impregnation formula makes it very highly alkali-resistant.

Product characteristics: **PROFESSIONAL**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 3,5 ± 1,0
Weft	[mm] 3,5 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1100 ± 1%
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 42	[%] ≤ 4,5
	Weft	[N/mm] ≥ 50	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 32	
	Weft	[N/mm] ≥ 40	

- Fabric weight: [g/m²] 150 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**
- **Logo imprint: yes**
- **Fabric softness: flexible**
- **Available dimensions:**

Width
1 m
1,1 m

Length
10 m
25 m
50 m
100 m

PURPOSE

PROFESSIONAL mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

PACKAGING

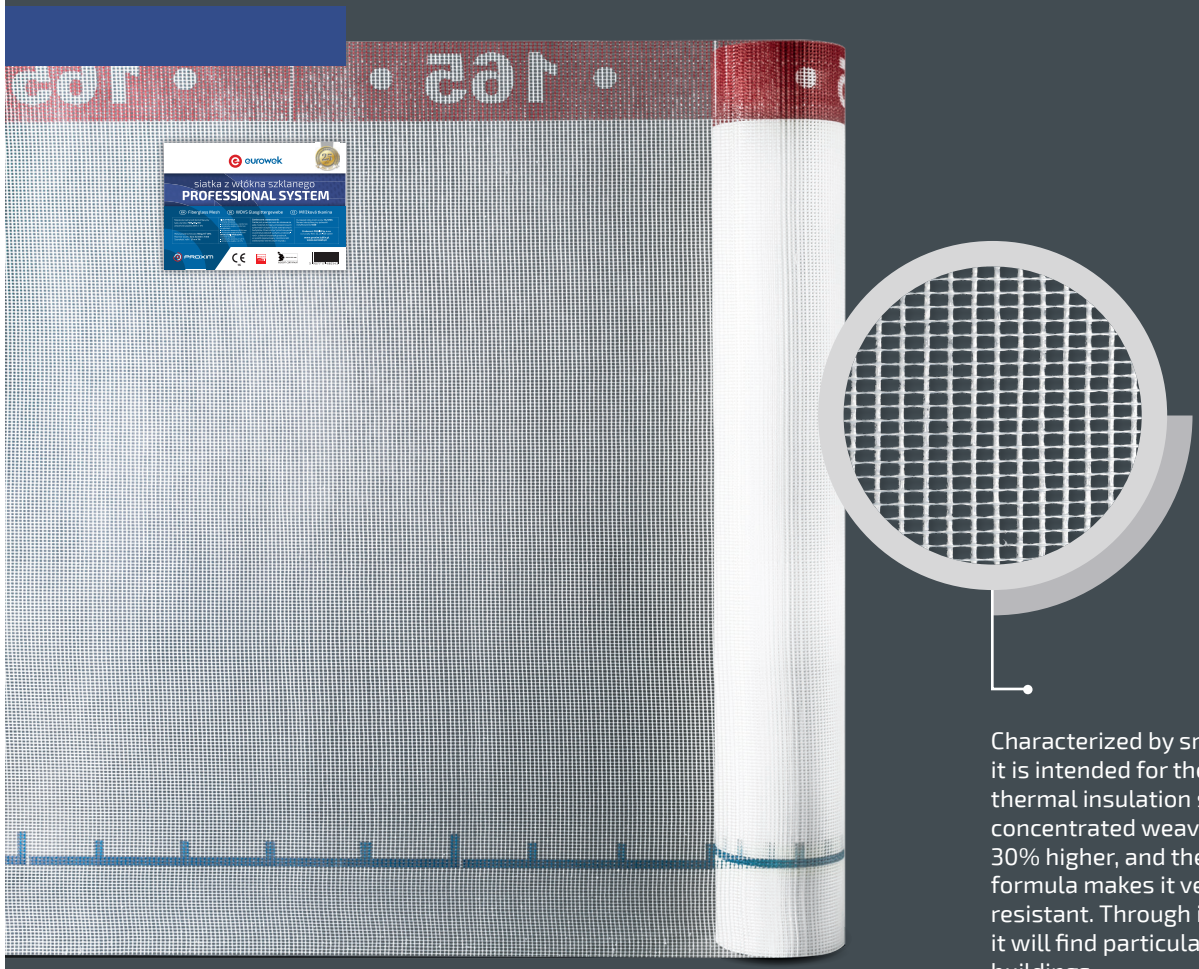
Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh

Professional system



Characterized by smaller mesh size, it is intended for the most demanding thermal insulation systems. Owing to its concentrated weave, its breaking load is 30% higher, and the unique impregnation formula makes it very highly alkali-resistant. Through its increased weight, it will find particular application in tall buildings.

Product characteristics: **PROFESSIONAL SYSTEM**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 3,5 ± 1,0
Weft	[mm] 3,5 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1100 ± 1%
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 46	[%] ≤ 4,5
	Weft	[N/mm] ≥ 55	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 36	
	Weft	[N/mm] ≥ 40	

- Fabric weight: [g/m²] 165 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**

- **Logo imprint: yes**
- **Fabric softness: medium**
- **Available dimensions:**

Width
1 m
1,1 m

Length
10 m
25 m
50 m
100 m

PURPOSE

PROFESSIONAL SYSTEM mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

PACKAGING

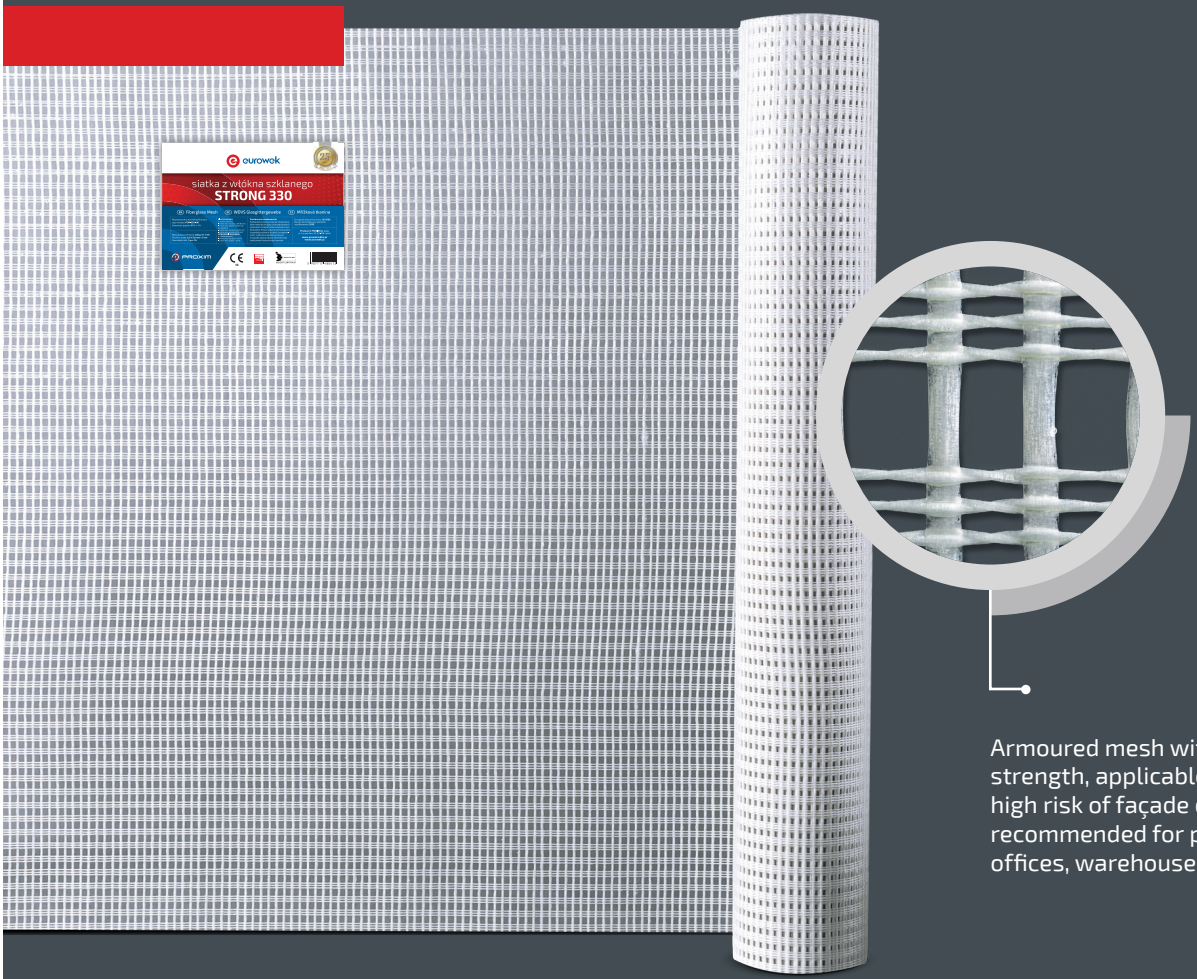
Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh

Strong 330



Armoured mesh with extreme mechanical strength, applicable wherever there is a high risk of façade damage. Particularly recommended for public utility buildings, offices, warehouses, etc.

Product characteristics: **STRONG 330**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 9,0 ± 1,0
Weft	[mm] 6,0± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 84	[%] ≤ 5,0
	Weft	[N/mm] ≥ 96	[%] ≤ 5,0
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 43	
	Weft	[N/mm] ≥ 49	

- Fabric weight: [g/m²] 330 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment:** yes
- **Logo imprint:** yes
- **Fabric softness:** hard
- **Available dimensions:**

Width
1 m

Length
25 m

PURPOSE

STRONG 330 mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

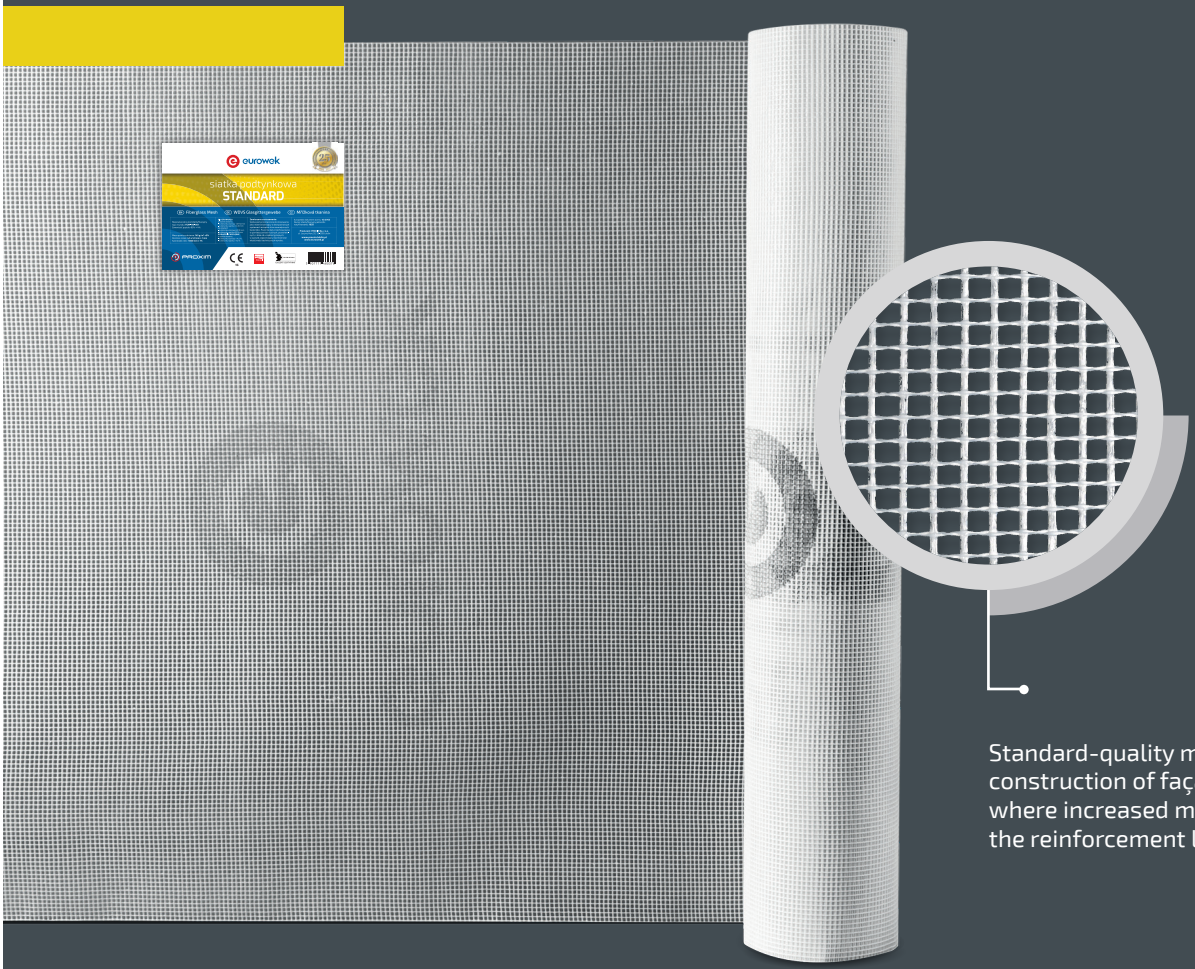
PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh
Standard



Standard-quality mesh applicable in construction of façades of low buildings, where increased mechanical strength of the reinforcement layer is not required.

Product characteristics: **STANDARD**

- **Organic material content:**

Organic material content	[%] 15 ± 4
Ash content	[%] 85 ± 4

- **Mesh size:**

Warp	[mm] 4,5 ± 1,0
Weft	[mm] 4,5 ± 1,0

Roll dimensions:

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 50

Tensile strength and relative elongation:

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 37	[%] ≤ 4,5
	Weft	[N/mm] ≥ 44	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 22	
	Weft	[N/mm] ≥ 32	

- Fabric weight: [g/m²] 145 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type C glass
Impregnation	SBR latex

Available options:

- **Colour adjustment:** no
- **Logo imprint:** no
- **Fabric softness:** hard
- **Available dimensions:**

Width
1 m

Length
50 m

PURPOSE

STANDARD mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

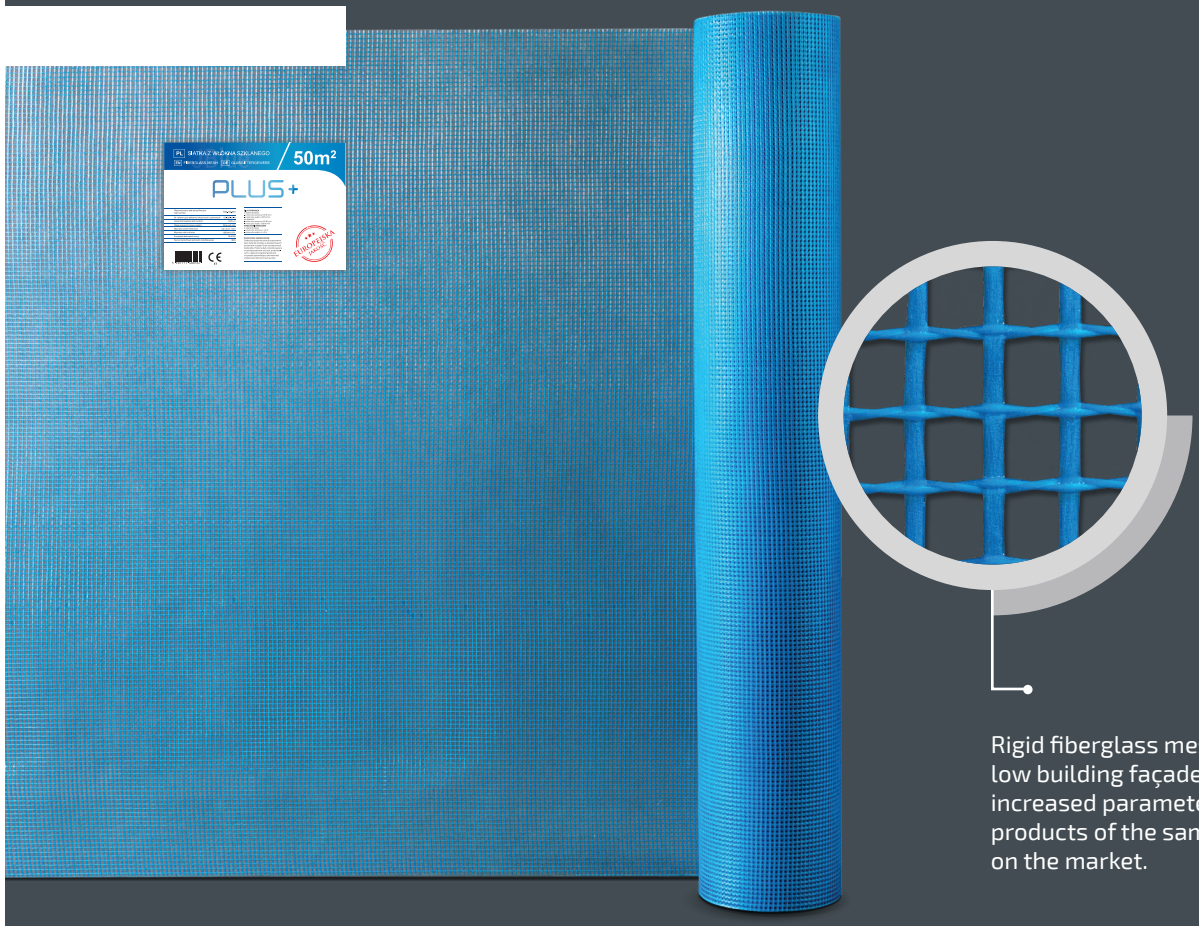
PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh
Plus +



Rigid fiberglass mesh applicable for most low building façades. Characterized by increased parameters in comparison to products of the same standard, available on the market.

Product characteristics: **PLUS +**

- **Organic material content:**

Organic material content	[%] 18 ± 4
Ash content	[%] 82 ± 4

- **Mesh size:**

Warp	[mm] 4,5 ± 1,0
Weft	[mm] 4,5 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 37	[%] ≤ 4,5
	Weft	[N/mm] ≥ 47	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 28	
	Weft	[N/mm] ≥ 48	

- Fabric weight: [g/m²] 150 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type C glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**
- **Logo imprint: no**
- **Fabric softness: hard**
- **Available dimensions:**

Width
1 m

Length
25 m
50 m

PURPOSE

PLUS+ mesh is intended for use as a reinforcement material in jointless thermal insulation systems of external walls.

PACKAGING

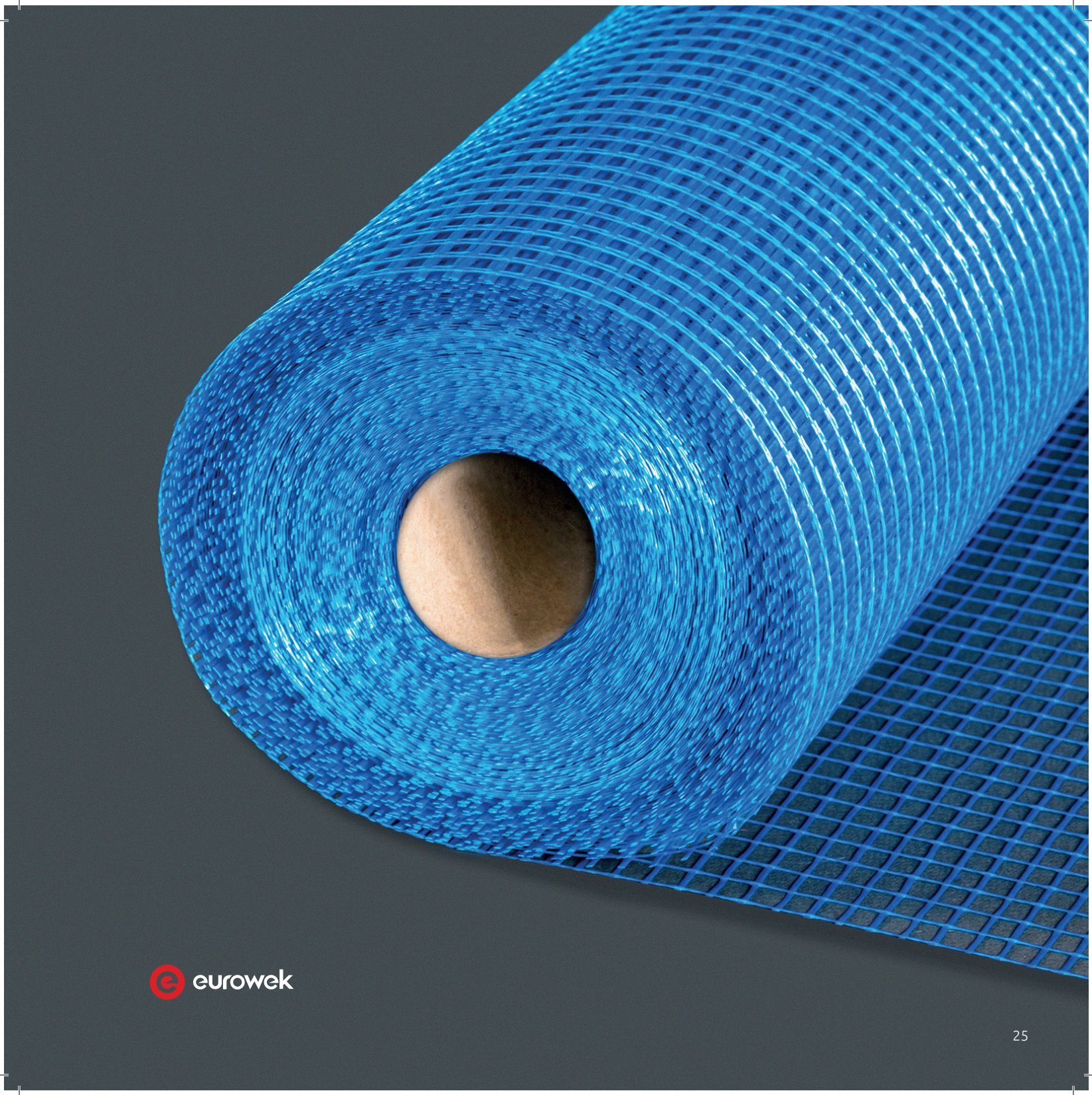
Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

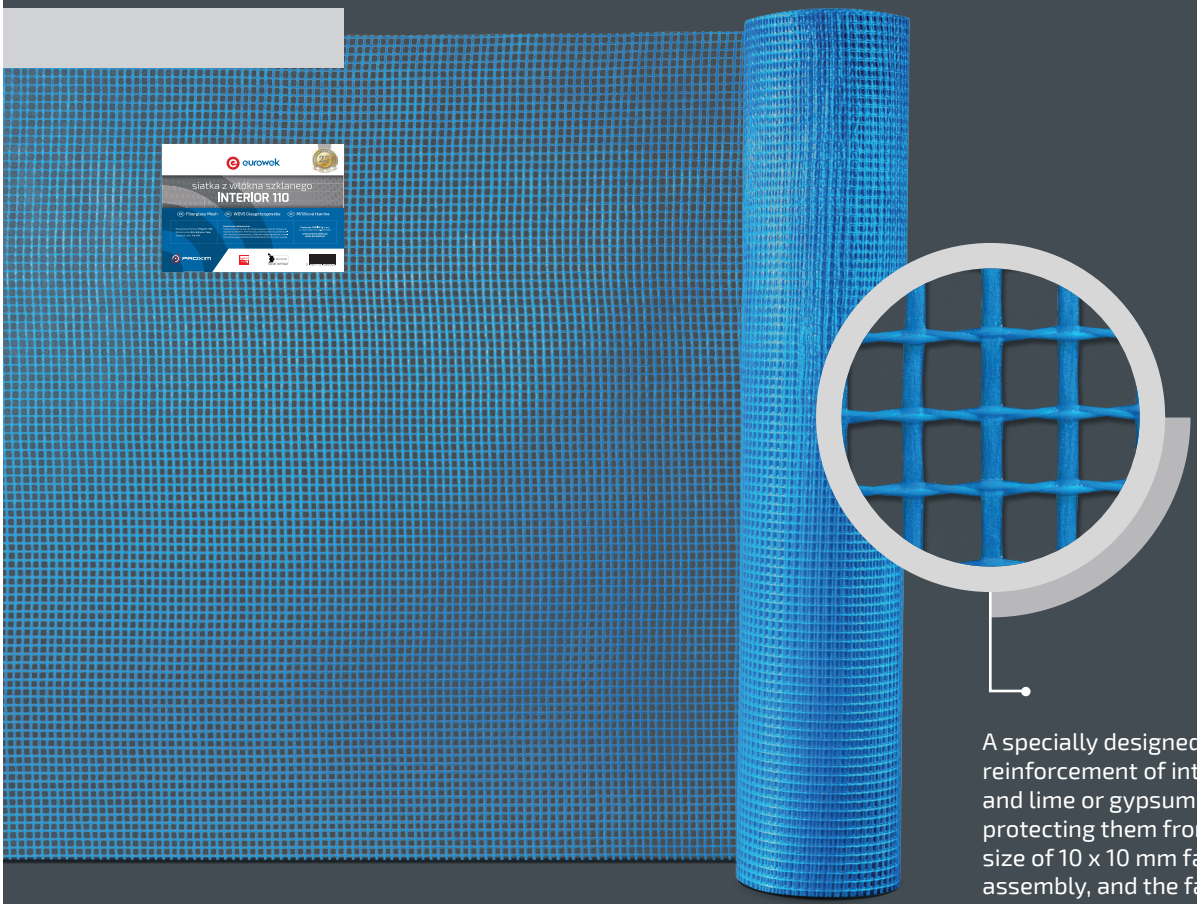
Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Meshes for internal plaster

INTERIOR meshes for internal plaster, embedded into a layer of cement and lime or gypsum plaster, prevent it from potential cracking. They can be applied at joints between ceilings and plaster, or on their entire area. Interior meshes guarantee durable walls.



Mesh
Interior 110



A specially designed mesh for reinforcement of internal cement and lime or gypsum plaster coats, protecting them from cracking. Mesh size of 10 x 10 mm facilitates the assembly, and the fabric weight of 110g/m2 allows the product to be used in most applications.

Product characteristics: **INTERIOR 110**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 9,0 ± 1,0
Weft	[mm] 8,0 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 32	[%] ≤ 5,0
	Weft	[N/mm] ≥ 51	[%] ≤ 5,0
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 20	
	Weft	[N/mm] ≥ 30	

- Fabric weight: [g/m²] 110 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**
- **Logo imprint: no**
- **Fabric softness: hard**
- **Available dimensions:**

Width
330 mm
1000 mm

Length
25 m
50 m

PURPOSE

INTERIOR 110 mesh is intended for use as a reinforcement material in plaster coats.

PACKAGING

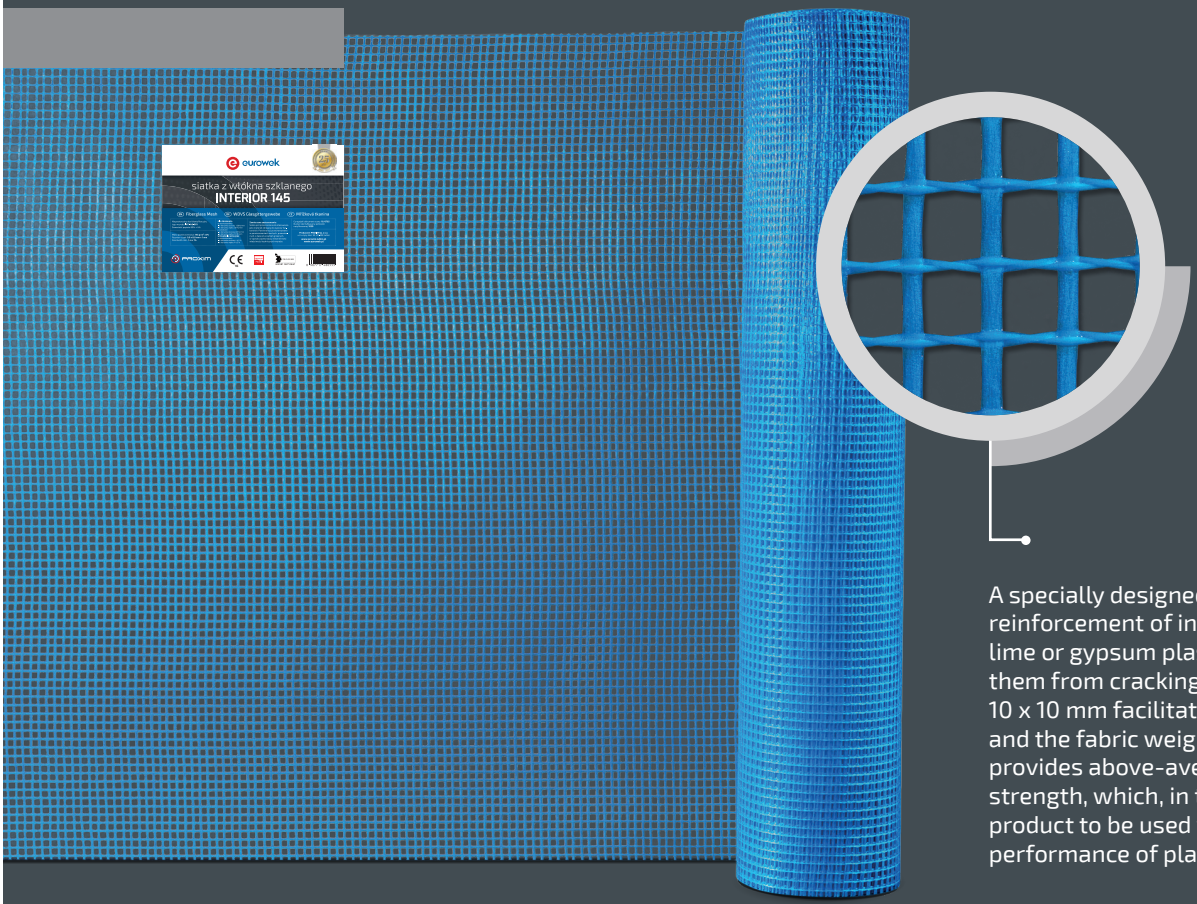
Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Mesh

Interior 145



A specially designed mesh for reinforcement of internal cement and lime or gypsum plaster coats, protecting them from cracking. Mesh size of 10 x 10 mm facilitates the assembly, and the fabric weight of 110g/m2 provides above-average mechanical strength, which, in turn, allows the product to be used wherever high performance of plaster coats is required.

Product characteristics: **INTERIOR 145**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 9,0 ± 1,0
Weft	[mm] 8,0 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 50

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 39	[%] ≤ 4,5
	Weft	[N/mm] ≥ 61	[%] ≤ 4,5
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 25	
	Weft	[N/mm] ≥ 51	

- Fabric weight: [g/m²] 145 ± 5%
- Standard number of rolls on a pallet: 24
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment: yes**
- **Logo imprint: no**
- **Fabric softness: hard**
- **Available dimensions:**

Width
330 mm
1000 mm

Length
25 m
50 m

PURPOSE

INTERIOR 145 mesh is intended for use as a reinforcement material in plaster coats.

PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

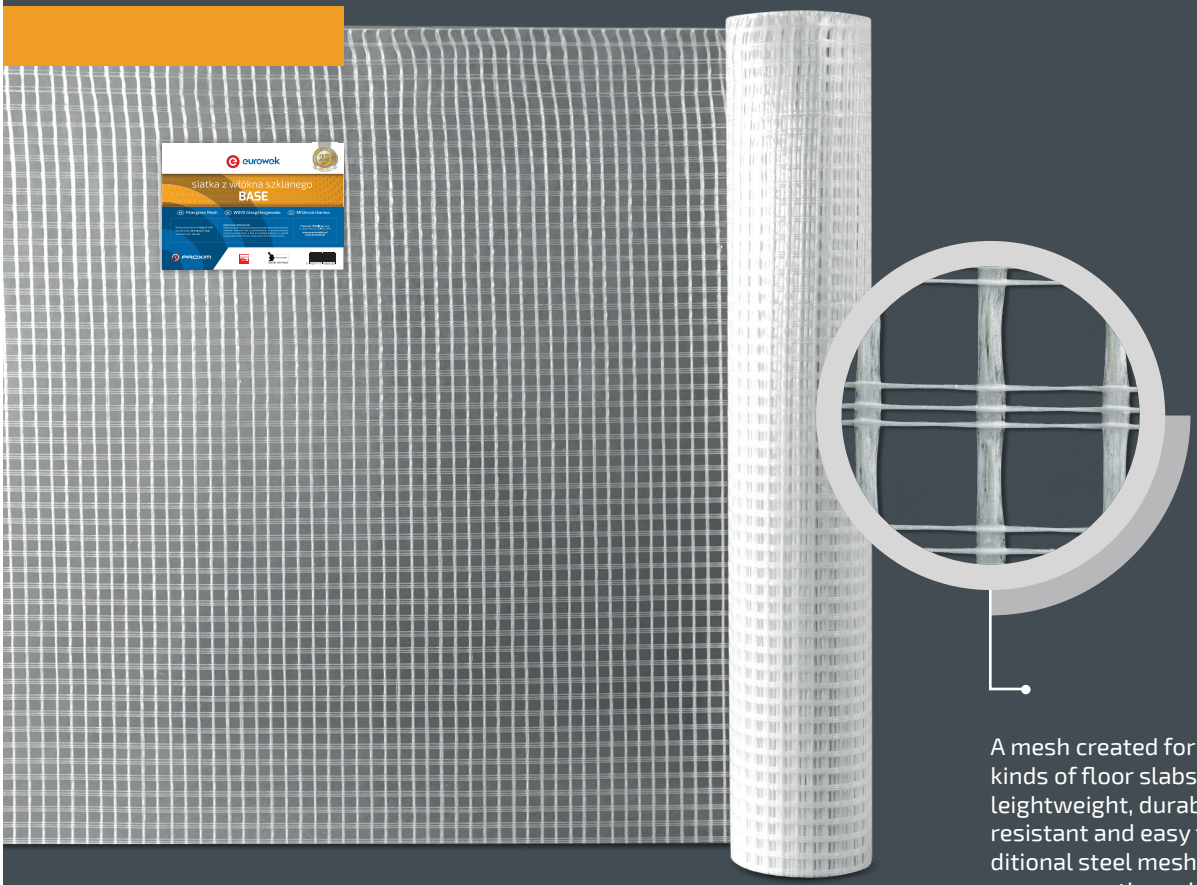
STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Floor meshes

Specially designed fiberglass meshes for reinforcement of layers of slabs, screeds and other concrete compositions provide an alternative for heavy steel reinforcement meshes. They are characterized by very high strength, lightness and ease of application. Unlike their steel counterparts, they are stored in rolls, which facilitates their transport and storage, and are resistant to damage after being spread on the substrate. An additional advantage is their corrosion resistance.

Mesh
Base



A mesh created for reinforcement of all kinds of floor slabs and screeds. It is leightweight, durable, corrosion-resistant and easy to apply, unlike traditional steel meshes, which makes it a new generation reinforcement.

Product characteristics: **BASE**

- **Organic material content:**

Organic material content	[%] 20 ± 4
Ash content	[%] 80 ± 4

- **Mesh size:**

Warp	[mm] 40 ± 1,0
Weft	[mm] 40 ± 1,0

- **Roll dimensions:**

Roll width	[mm] 1000 ± 1 %
Roll length	[m] 25

- **Tensile strength and relative elongation:**

Tensile strength and relative elongation, loom state	Warp	[N/mm] ≥ 32	[%] ≤ 5,0
	Weft	[N/mm] ≥ 32	[%] ≤ 5,0
Tensile strength, after alkali treatment	Warp	[N/mm] ≥ 21	
	Weft	[N/mm] ≥ 21	

- Fabric weight: [g/m²] 145 ± 5%
- Standard number of rolls on a pallet: 30
- Chemical characteristic:

Fiber type	Type E glass
Impregnation	SBR latex

Available options:

- **Colour adjustment:** yes
- **Logo imprint:** no
- **Fabric softness:** hard
- **Available dimensions:**

Width
1 m

Length
25 m
50 m

PURPOSE

BASE mesh is intended for use as a material for reinforcement of floor slabs.

PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should fall between 0 °C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Corner meshes

Meshes with a wide range of available fabric weights, produced specially as a semi-finished product for manufacturing of aluminium and PVC meshed corners.


eurowek
siatka do narożników
STRIPS
Fiberglass Mesh
WDVS Glasgittergewebe
Mřížková tkanina
Masa powierzchniowa:
105 g/m² ± 5%
115 g/m² ± 5%
125 g/m² ± 5%
145 g/m² ± 5%
165 g/m² ± 5%
Szerokość rolki:
10 cm ± 1%
14 cm ± 1%
20 cm ± 1%
25 cm ± 1%
Producent: PROXIM Sp. z o.o.
ul. Ługowy Hevt 52, 20-328 Lublin
www.proxim.lublin.pl
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eurowek

Mesh
Strips

A mesh manufactured in a wide range of weights and widths, specially designed as a component for aluminium and PVC corners.

Product characteristics: **STRIPS**

Available options:

- **Colour adjustment:** yes

- **Logo imprint:** yes
- **Fabric softness:** adapted to the customer's requirements
- **Fabric weight:** od 80g/m² do 300/m²
- **Available dimensions:**

Width	Length
od 10 cm	od 5 m
do 2 m	do 700 m

PURPOSE

STRIPS mesh is intended for use as a semi-finished product for manufacturing of aluminium and PVC meshed corners.

PACKAGING

Each roll is wrapped in shrink film; subsequently, they are packed vertically into a cardboard box, onto a wooden pallet.

STORAGE

Packed rolls should be stored in dry, well-ventilated rooms, vertically, away from heating devices. The storage temperature should be between 0° C and +35 °C. If exposed to prolonged effect of weather conditions, particularly of moisture, the product may lose its original performance.

Notes


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